

IN THE SPECIFICATION

Please amend the abstract as follows:

A method of coating a ceramic matrix composite fiber is disclosed. The method includes passing the composite fiber through a reaction zone along a path substantially parallel to a longitudinal axis of the reaction zone. It also includes passing a flow of a fiber coating reactant through the reaction zone. Further, the method includes disrupting a portion of the flow of the fiber coating reactant from a path substantially parallel to a fiber path to create a mixing flow adjacent the composite fiber.

~~In a method of coating a CMC fiber, the fiber is passed through a reaction zone along a path substantially parallel to a longitudinal axis of the zone, a flow of fiber coating reactant is passed through the reaction zone, at least a portion of the flow of reactant is disrupted from a path substantially parallel to the fiber path to create a mixing flow adjacent the fiber. A coating reactor includes a reactor chamber to accommodate a fiber passing along a path substantially parallel to a longitudinal axis of the chamber and a flow of fiber coating reactant. The reactor chamber further includes a flow disrupter located within the reactor chamber to disrupt at least a portion of the flow of reactant from a path substantially parallel to the fiber path to create a mixing flow adjacent the fiber.~~

Please amend the title as follows:

METHOD OF COATING A CERAMIC MATRIX COMPOSITE FIBER

Please amend the first sentence of the specification to read as follows:

This is a divisional of application Serial Number 09/728904, now U.S. Patent 6,630,029.